



RECEIVED

APR 28 2003

PTO/SB/17 (10-02)

Approved for use through 10/31/2002. OMB 0651-0032

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003 <i>Patent fees are subject to annual revision.</i>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	09/813,153-Conf. #2908
TOTAL AMOUNT OF PAYMENT (\$) 558.00		Filing Date	March 21, 2001
		First Named Inventor	Steven M. Ruben
		Examiner Name	J. Martinell
		Group Art Unit	1631
		Attorney Docket No.	PZ023P1C1

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																											
<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	3. ADDITIONAL FEES																																											
<input checked="" type="checkbox"/> Deposit Account	<input type="checkbox"/> Money Order																																												
<input type="checkbox"/> Other	<input type="checkbox"/> None																																												
Deposit Account Number: 08-3425																																													
Deposit Account Name: Human Genome Sciences, Inc.																																													
The Commissioner is hereby authorized to: (check all that apply)																																													
<input checked="" type="checkbox"/> Charge fee(s) indicated below																																													
<input checked="" type="checkbox"/> Credit any overpayments																																													
<input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																													
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.																																													
FEE CALCULATION																																													
1. BASIC FILING FEE																																													
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td></td><td></td><td>1001</td><td>750</td><td>Utility filing fee</td><td></td></tr><tr><td></td><td></td><td>1002</td><td>330</td><td>Design filing fee</td><td></td></tr><tr><td></td><td></td><td>1003</td><td>520</td><td>Plant filing fee</td><td></td></tr><tr><td></td><td></td><td>1004</td><td>750</td><td>Reissue filing fee</td><td></td></tr><tr><td></td><td></td><td>1005</td><td>160</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>0.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1001	750	Utility filing fee				1002	330	Design filing fee				1003	520	Plant filing fee				1004	750	Reissue filing fee				1005	160	Provisional filing fee		SUBTOTAL (1)					0.00		
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																								
		1001	750	Utility filing fee																																									
		1002	330	Design filing fee																																									
		1003	520	Plant filing fee																																									
		1004	750	Reissue filing fee																																									
		1005	160	Provisional filing fee																																									
SUBTOTAL (1)					0.00																																								
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE																																													
<table border="1"><thead><tr><th>Total Claims</th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>41</td><td>-24** = 17</td><td>18.00</td><td>306.00</td></tr><tr><td>Independent Claims: 7</td><td>-4** = 3</td><td>84.00</td><td>252.00</td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td></td></tr></tbody></table>		Total Claims	Extra Claims	Fee from below	Fee Paid	41	-24** = 17	18.00	306.00	Independent Claims: 7	-4** = 3	84.00	252.00	Multiple Dependent																															
Total Claims	Extra Claims	Fee from below	Fee Paid																																										
41	-24** = 17	18.00	306.00																																										
Independent Claims: 7	-4** = 3	84.00	252.00																																										
Multiple Dependent																																													
<table border="1"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td></td><td></td><td>1202</td><td>18</td><td>Claims in excess of 20</td><td></td></tr><tr><td></td><td></td><td>1201</td><td>84</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td></td><td></td><td>1203</td><td>280</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td></td><td></td><td>1204</td><td>84</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td></td><td></td><td>1205</td><td>18</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5">SUBTOTAL (2)</td><td>558.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1202	18	Claims in excess of 20				1201	84	Independent claims in excess of 3				1203	280	Multiple dependent claim, if not paid				1204	84	** Reissue independent claims over original patent				1205	18	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					558.00		
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																								
		1202	18	Claims in excess of 20																																									
		1201	84	Independent claims in excess of 3																																									
		1203	280	Multiple dependent claim, if not paid																																									
		1204	84	** Reissue independent claims over original patent																																									
		1205	18	** Reissue claims in excess of 20 and over original patent																																									
SUBTOTAL (2)					558.00																																								
**or number previously paid, if greater; For Reissues, see above																																													
		Other fee (specify)																																											
		*Reduced by Basic Filing Fee Paid																																											
		SUBTOTAL (3) 0.00																																											

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Janet M. Martineau	Registration No. (Attorney/Agent)	46,903
Signature		Telephone	(301) 315-2723
		Date	April 24, 2003